No fee is believed to have been incurred by virtue of this amendment. However if a fee is incurred on the basis of this amendment, please charge such fee against deposit account 07-0832

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MARKED UP VERSION OF THE AMENDED CLAIMS

1. (AMENDED) Digital-television receiver/decoder device of the type comprising:

- an input interface [(2)] suitable for receiving digital-television signals originating from a predetermined broadcast network and for delivering a digital stream of television signals [(FMPEG)];

- a demultiplexer/extractor module [(6, 50)] suitable for extracting, from the digital stream [(FMPEG)], digital sequences relating to a chosen television program [(ST)]; and

- a decoder module [(14)] suitable for converting the digital sequences thus extracted into television signals compatible with a visual-display module [(18)],

- a module [(40)] for recording and playing digital sequences of digital-television programs [(ST)];

- a processing module suitable for receiving initialization and marking information relating at least to the start and to the end of a chosen television program, as well as to the reception/extraction of the digital sequences relating to said television program, and for comparing it with the television digital stream [(FMPEG)] originating from the demultiplexer/extractor module, said processing module being suitable, moreover, in response to a positive comparison, for causing the recording of the digital sequences relating to said chosen television program [(ST)] as well as the initialization and marking information, in the record/replay module [(40)], and

- an execution module suitable, at the request of a user, for launching the playing of the digital sequences relating to said television program [(ST)] thus recorded, in synchronism with the initialization and marking information, [characterized in that] <u>wherein</u> it further comprises a supplementary processing module [(60)] able to run a predetermined software application [(WEA)] further containing said initialization and marking information, the software application [(WEA)] being run in synchronism and in interactive mode with the playing of the digital-television program thus recorded with the aid of said initialization and marking information.

2. (AMENDED) The device as claimed in Claim 1, [characterized in that] <u>wherein</u> the supplementary processing module [(60)] consists of Internet-type processing means suitable for cooperating with memory-storage means [(62)] able to store an

Internet browser serving for Internet browsing, and in that the receiver/decoder device further comprises a communications module [(30)] able to communicate with a remote server according to an Internet-type communications protocol or the like.

3. (AMENDED) The device as claimed in Claim 2, [characterized in that] wherein the communications module [(30)] is able to download the software application [(WEA)] originating from the remote server.

4. (AMENDED) The device as claimed in Claim 1, [characterized in that] wherein it comprises a media player able to read a data medium containing the software application [(WEA)].

5. (AMENDED) The device as claimed in Claim 1, [characterized in that] wherein it comprises means suitable for receiving the software application [(WEA)] with the digital-television stream.

6. (AMENDED) The device as claimed in [any one of Claims 1 to 5, characterized in that] claim 1, wherein the execution module is suitable for launching the playing of the digital sequences relating to the chosen television program and the running of the software application [(WEA)] on the same visual-display module [(18)].

7. (AMENDED) The device as claimed in [any one of Claims 1 to 6, characterized in that] claim 1, wherein it further comprises man/machine interface means [(20, 21, 23, 25)], the actuation of which allows the user to interact simultaneously and in synchronism in the playing of the recorded television program [(ST)] and in the running of the Internet application [(WEA)].

8. (AMENDED) The device as claimed in [Claims 2 or 3 and 7, characterized in that] claim 2, wherein the Internet processing means [(60)] are suitable for cooperating with the visual-display module [(18)] as well as the man/machine interface means of the receiver/decoder device.

9. (AMENDED) The device as claimed in Claim 8, [characterized in that] <u>wherein</u> the demultiplexer/extractor module [(6, 50, 52)] is able to extract the initialization and marking information of the television program and to send it to the Internet processing means [(60)] so as, at the request of the user, to allow running of the Internet application [(WEA)] in local mode and/or in cooperation with the remote server, in synchronism with the playing of the recorded television program.

10. (AMENDED) The device as claimed in Claim 2, [characterized in that] <u>wherein</u> the Internet processing means [(60)] are suitable, in cooperation with the processing means [(12)] of the receiver/decoder, for driving the record/replay module [(40)].

11. (AMENDED) The device as claimed in Claim 10, [characterized in that] <u>wherein</u> the Internet processing means [(60)] are suitable for delivering, to the record/replay module [(40)], commands of the stop, pause, pause start, start, slow, fast forward, rewind, jump forward, jump back, etc, type.

12. (AMENDED) The device as claimed in [one of the preceding claims, characterized in that] <u>claim 1, wherein</u> it further comprises an image-composition module [(16)] suitable for receiving the video images output by the decoder module [(14)] as well as the graphics images output by the Internet processing means [(60)], so as to combine them according to a chosen image-composition mode.

13. (AMENDED) The device as claimed in Claim 12, [characterized in that] <u>wherein</u> the image-composition mode is of overprint, multi-windowing, text, image-combining type.

14. (AMENDED) The device as claimed in Claim 12, [characterized in that] <u>wherein</u> the image-composition module [(16)] comprises:
  - a first memory [(100)] suitable for containing the video images output by the decoder module [(14)];
  - a second memory [(102)] suitable for containing the graphics information output by the Internet processing means [(60, 19)];

- a third memory [(104)] suitable for containing an image-composition program;

- image-processing means [(106)] suitable for extracting the chosen information from the first and second memories depending on the composition program, so as to produce the composite images;

-        a module [(112)] for synchronization of the visual-display module [(18)], so as to synchronize the composition of images output by the two memories.

15. (AMENDED) The device as claimed in [one of the preceding claims, characterized in that] claim 1, wherein it comprises an interface of serial type and/or an interface of high-throughput link type so as to connect peripheral equipment of the printer, video/camera system, audio suite or video peripheral type.

16. (AMENDED) A method of processing digital-television signals of the type comprising the following stages:

- a) receiving digital-television signals originating from a predetermined broadcast network and delivering a digital stream of television signals [(FMPEG)];

- b) extracting, from the digital stream [(FMPEG)], digital sequences relating to a chosen television program [(ST)]; and

- c) converting the digital sequences thus extracted into television signals compatible with a visual-display module,

- d) receiving initialization and marking information relating at least to the start and to the end of a chosen television program, as well as to the reception/extraction of the digital sequences relating to said chosen television program, and comparing it with the television digital stream [(FMPEG) originating from the demultiplexer/extractor module;

- e) in response to a positive comparison, causing the recording of the digital sequences relating to said chosen television program [(ST)] as well as the initialization and marking information, in the record/replay module [(40)], and

-        - f) at the request of a user, launching the playing of the digital sequences relating to said television program [(ST)] thus recorded, [characterized in that] wherein it further comprises a prior step of implementing a software application [(WEA)] able to contain, in addition, said initialization and marking information, and in that the playing step f is run in synchronism and in interactive mode with the

running of the software application [(WEA)] with the aid of the initialization and marking information.

17. (AMENDED) A software product for a digital-television receiver/decoder device, of the type comprising initialization and marking information relating at least to the start and to the end of a chosen digital-television program, as well as to the reception/extraction of the digital sequences relating to said chosen television program, said initialization and marking information being intended to be compared with a television digital stream, and, in the event of a positive comparison, said software product being able to cause the recording of the digital sequences relating to said chosen television program as well as the initialization and marking information, [characterized in that] wherein said initialization and marking information is contained in a software application [(WEA)] capable of being run in synchronism and in interactive mode with the playing of the digital-television program thus recorded with the aid of the initialization and marking information.

18. (AMENDED) The software product as claimed in Claim 17, [characterized in that] wherein the software application [(WEA)] is capable of being run on-line with a remote server.

19. (AMENDED) The software product as claimed in Claim 17, [characterized in that] wherein the software application [(WEA)] is capable of being contained on a data medium, and/or distributed by downloading.